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Search Results -

Terms	Documents
(polyoxyethanyl$ adj1 sebacate)	9

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L10

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Search History

DATE: Wednesday, September 14, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L10	(polyoxyethanyl$ adj1 sebacate)	9	L10
L9	(squalene) same (polyoxyethanyl$ adj1 sebacate)	0	L9
L8	(caroten$) same (polyoxyethanyl$ adj1 sebacate)	0	L8
L7	(terpe$) adj5 (caroten$)	119	L7
L6	(terpe$) adj5 (squalene or caroten$)	150	L6
L5	(terpe$) same (squalene or caroten$)	488	L5
L4	(terpe$) same (polyoxyethanyl$ adj1 sebacate)	1	L4
L3	L1 and (linolenic or arachidonic or eicosapentaenoic or docosahexanoic)	2	L3
L2	L1 and (polyunsaturated adj1 fatty)	1	L2
L1	(terpe$) same sebacate	96	L1

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L3: Entry 2 of 2 File: USPT Nov 9, 1999

DOCUMENT-IDENTIFIER: US 5981625 A
TITLE: Non-rub off printing inks

Detailed Description Text (20):
It is known to those of ordinary skill in the art that the aforesaid vegetable oils contain both saturated fatty acids such as stearic acid and palmitic acid, and unsaturated fatty acids. Unsaturated fatty acids present in the vegetable oils include linolenic acid, linoleic acid, oleic acid, and ricinoleic acid.. It is preferable that the vegetable oil has an unsaturated fatty acid content of from about 20% by weight of the vegetable oil to about 100% by weight of the vegetable oil, and more preferable that the vegetable oil has an unsaturated fatty acid content of from about 50% by weight of the vegetable oil to about 100% by weight of the vegetable oil. A preferred vegetable oil is soya oil. A fully refined 100% soybean salad oil available from Ashland Chemical Co. is a suitable soya oil. The soya oil has an iodine number of 125-140, and has the following fatty acid content: palmitic acid, 10.3%, stearic acid, 3.6%, oleic acid, 22.7%, linoleic acid, 54.9%, and linolenic acid, 8.1%, by weight. It is to be understood that iodine number is a measure of the degree of unsaturation present in the oil.

Detailed Description Text (114):
In addition to the aforesaid components, the ink of the present invention may comprise other suitable additives such as plasticizers to improve the properties of the film, for instance, to improve the flexibility of the film without impairing other properties. Any suitable plasticizer can be used, preferably those which are non-volatile, compatible with other components of the ink, and chemically stable. It is preferred that the boiling point of the plasticizer is above about 200.degree. C., and more preferably in the range of from about 200.degree. C. to about 420.degree. C.. Examples of suitable plasticizers include esters, terpene based plasticizers, castor oil based placticizers, and chlorinated waxes. Esters constitute a preferred class of plasticizers suitable for the preparation of the ink of the present invention. Examples of suitable esters include, triacetin, dimethyl phthalate, dibutyl phthalate, dioctyl phthalate, tributyl phosphate, tritolyl(tricresyl) phosphate, butyl stearate, dibutyl sebacate, tributyl citrate, and butyl oleate. A preferred ester is 2,2,4-trimethyl-1,3-pentanediol diisobutyrate, which is commercially available from Eastman Kodak Co. as KODAFLEX.TM. TXIB, and has a boiling point of 280.degree. C., excellent resistance to hydrolysis, and a viscosity of 9 cps at 25.degree. C.

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6632443 B2

Using default format because multiple data bases are involved.

L3: Entry 1 of 2 File: USPT Oct 14, 2003

US-PAT-NO: 6632443
DOCUMENT-IDENTIFIER: US 6632443 B2

TITLE: Water-soluble compositions of bioactive lipophilic compounds

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Borowy-Borowski; Henryk	Ottawa			CA
Sikorska-Walker; Marianna	Navan			CA
Walker; P. Roy	Navan			CA

US-CL-CURRENT: 424/400; 424/451, 424/452, 424/464, 424/465, 514/30, 514/772, 536/6.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 2. Document ID: US 5981625 A

L3: Entry 2 of 2 File: USPT Nov 9, 1999

US-PAT-NO: 5981625
DOCUMENT-IDENTIFIER: US 5981625 A

TITLE: Non-rub off printing inks

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zou; Wan Kang	Northbrook	IL		
Wang; Xiaomang	Northbrook	IL		
Dong; Qiao Qiao	Northbrook	IL		

US-CL-CURRENT: 523/161; 260/DIG.38, 523/200, 523/215, 524/288, 524/446, 524/447, 524/484, 524/486, 524/495, 524/496

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

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Terms	Documents
L1 and (linolenic or arachidonic or eicosapentaenoic or docosahexanoic)	2

Display Format: - Change Format

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6632443 B2

Using default format because multiple data bases are involved.

L4: Entry 1 of 1 File: USPT Oct 14, 2003

US-PAT-NO: 6632443
DOCUMENT-IDENTIFIER: US 6632443 B2

TITLE: Water-soluble compositions of bioactive lipophilic compounds

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Borowy-Borowski; Henryk	Ottawa			CA
Sikorska-Walker; Marianna	Navan			CA
Walker; P. Roy	Navan			CA

US-CL-CURRENT: 424/400; 424/451, 424/452, 424/464, 424/465, 514/30, 514/772, 536/6.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWIC | [illegible]

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
(terpe$) same (polyoxyethanyl$ adj1 sebacate)	1

Display Format: - Change Format

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Refine Search

Search Results -

Terms	Documents
(terpe$) adj5 (caroten$)	119

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L7

Refine Search

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Search History

DATE: Wednesday, September 14, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L7	(terpe$) adj5 (caroten$)	119	L7
L6	(terpe$) adj5 (squalene or caroten$)	150	L6
L5	(terpe$) same (squalene or caroten$)	488	L5
L4	(terpe$) same (polyoxyethanyl$ adj1 sebacate)	1	L4
L3	L1 and (linolenic or arachidonic or eicosapentaenoic or docosahexanoic)	2	L3
L2	L1 and (polyunsaturated adj1 fatty)	1	L2
L1	(terpe$) same sebacate	96	L1

END OF SEARCH HISTORY

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End of Result Set

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L2: Entry 1 of 1 File: USPT Oct 14, 2003

DOCUMENT-IDENTIFIER: US 6632443 B2
TITLE: Water-soluble compositions of bioactive lipophilic compounds

Brief Summary Text (30):
According to a yet further embodiment of the invention, a water-soluble composition is provided, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-sitosterol sebacate, polyoxyethanyl-cholesteryl sebacate and polyoxyethanyl-.alpha.-tocopheryl sebacate, and a compound having a high content of polyunsaturated fatty acids and derivatives thereof. Derivatives include mono-, di- and tri-glycerides and their aliphatic esters. Examples of such compounds include fish oils, plant oils and other plant extracts. Further examples of such compounds can be found in the literature in B. Fitch Haumann: Alternate Sources for n-fatty acids in: Inform--International news on fats, oils and related materials (1998) vol. 19 no. 12, p. 1108, and in G. Fernandes et al. Role of omega-3 fatty acids in health and disease. In: Nutrition Research (1993) vol. 13, 19-45, the disclosures of which are incorporated herein by reference.

Brief Summary Text (31):
According to a still further embodiment of the invention, a water-soluble composition is provided, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-sitosterol sebacate, polyoxyethanyl-cholesteryl sebacate and polyoxyethanyl-.alpha.-tocopheryl sebacate, and a bioactive lipophilic compound selected from the group consisting of a terpene and a terpenoid.

Detailed Description Text (162):
Example 28 illustrates the ability to dissolve in water different oils with a high content of polyunsaturated fatty acids (PUFA) such as linoleic, linolenic, arachidonic eicosapentaenoic (EPA), docosahexaenoic (DHA) and their derivatives.

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